Author Index

Aggarwal, S. K., see Bradshaw, J. S. 169
Akporhonor, E. E.
——, Le Vent, S. and Taylor, D. R.
Calculation of programmed temperature gas chromatography characteristics from isothermal data. I. Theory and computational procedures 67
Ando, S.
——, Waki, H. and Kon, K.
New solvent system for high-performance thin-layer chromatography and high-performance liquid chromatography of gangliosides 125
Antle, P. E., see Eble, J. E. 1, 31, 51
Antonopoulos, C. A., see Karamanos, N. K. 221
Arnaud, P., see Miribel, L. 337
Arwood, L. J., see Spiker, S. 327
Astorg, P. O., see Sébédio, J. L. 371
Bailey, J. E., Jr., see Richfield-Fratz, N. 283
Barr, S. W., see Larson, J. R. 163
Bates, M., see Spiker, S. 327
Błądek, J.
New method of visualizing thin-layer chromatograms by using liquid crystals 203
Bradshaw, J. S.
——, Aggarwal, S. K., Rouse, C. A., Tarbet, B. J., Markides, K. E. and Lee, M. L.
Polysiloxanes containing thermally stable chiral amide side-chains for capillary gas and supercritical fluid chromatography 169
Bredeweg, R. A., see Larson, J. R. 163
Bretschneider, W., see Werkhoff, P. 87, 99
Campeau, D.
——, Gruda, I., Thibeault, Y. and Legendre, F.
Analysis of amphoteric surfactants of the alkylaminopropylglycine type by gas chromatography 305
Catellani, P., see Fanali, S. 385
Caude, M., see Macaudiere, P. 135
Chen, Y.-Y., see Chriswell, C. D. 213
Chriswell, C. D.
——, Chen, Y.-Y., McGowan, C. W. and Markuszewski, R.
Use of silicalite molecular sieve for the gas chromatographic determination of permanent gases and volatile hydrocarbons emitted during coal processing 213
Coas, V., see Lepri, L. 394
Cooper, D. A., see Lurie, I. S. 273
Cox, G. B., see Eble, J. E. 31
Cristalli, M., see Fanali, S. 385
Desideri, P. G., see Lepri, L. 394
Di Corcia, A.
——, Marchetti, M. and Samperi, R.
Rapid determination of simazine and atrazine in water at the parts per trillion (10^{12}) level. Extraction by a miniaturized Carbopack B trap followed by high-performance liquid chromatography 357
Duncan, J. R., see Perkins, D. M. 319
Dutrizac, J. E., see Tan, L. K. 247
Eble, J. E.
——, Grob, R. L., Antle, P. E., Cox, G. B. and Snyder, L. R.
Simplified description of high-performance liquid chromatographic separation under overload conditions, based on the Craig distribution model. IV. Comparison of the model with experimental data for samples containing two or more solutes 31
——, Grob, R. L., Antle, P.E. and Snyder, L. R.
Simplified description of high-performance liquid chromatographic separation under overload conditions, based on the Craig distribution model. III. Computer simulations for two co-eluting bands assuming a Langmuir isotherm 1
——, Grob, R. L., Antle, P. E. and Snyder, L. R.
Simplified description of high-performance liquid chromatographic separation under overload conditions, based on the Craig distribution model. V. Gradient elution separation 51
Engelen, D. L. Van, see Van Engelen, D. L. 191
Fanali, S.
——, Cristalli, M. and Catellani, P.
Determination of minoxidil in pharmaceutical forms by capillary isotachophoresis 385
Fife, P. C., see Su, Y. 77
Fürst, P.
——, Krüger, C., Meemken, H.-A. and Groebel, W.
Determination of the polychlorinated biphenyl substitute Ugilec (tetrachlorobenzyltoluenes) in fish 311
Grandgirard, A., see Sébédio, J. L. 371
Grob, R. L., see Eble, J. E. 1, 31, 51
Groebel, W., see Fürst, P. 311
Gruda, I., see Campeau, D. 305
Hoogmartens, J., see Khan, N. H. 229
Hurtubise, R. J., see Scolla, P. L. 107

Hussénius, A.
——, Isaksson, R. and Matsson, O.
Separation of alkyl-substituted indene enantiomers by chromatography on microcrystalline triacetylcellulose 155
Ishii, D., see Takeuchi, T. 117
Isaksson, R., see Hussénius, A. 155
Jarrett, H. W.
Development of N-hydroxysuccinimide ester silica, a novel support for high-performance affinity chromatography 179
Jelínek, I.
——, Snopek, J. and Smolková-Keulemansová, E.
Use of cyclodextrins in isotachophoresis. I. Effect of cyclodextrin on the isotachophoretic separation of related penicillins 379
Joly, J. P., see Moll, N. 347
Kaniwa, M.-A.
High-performance liquid chromatographic identification and determination of dithiocarbamates in vulcanized rubber products 263
Karamanos, N. K.
——, Tsegenidis, T. and Antonopoulos, C. A.
Analysis of neutral sugars as dinitrophenylhydrazones by high-performance liquid chromatography 221
Khan, N. H.
——, Roets, E., Hoogmartens, J. and Vanderhaeghe, H.
Quantitative analysis of oxytetracycline and related substances by high-performance liquid chromatography 229
Kon, K., see Ando, S. 125
Kram, T. C., see Lurie, I. S. 273
Krüger, C., see Fürst, P. 311
Larson, J. R.
——, Barr, S. W. and Bredeweg, R. A.
Flow programming system for process capillary gas chromatography 163
Lee, M. L., see Bradshaw, J. S. 169
Legendre, F., see Campeau, D. 305
Lepri, L.
——, Desideri, P. G. and Coas, V.
High-performance thin-layer chromatography of dinitropyridyl-amino acids and sulphonamides on silanized silica gel 394
Le Vent, S., see Akporhonor, E. E. 67
Lurie, I. S.
——, Moore, J. M., Cooper, D. A. and Kram, T. C.
Analysis of manufacturing by-products and impurities in illicit cocaine via high-performance liquid chromatography and photodiode array detection 273
Macaudiere, P.
——, Caude, M., Rosset, R. and Tambute, A.
Resolution of racemic amides and phosphine oxides on a β-cyclodextrin-bonded stationary phase by subcritical fluid chromatography 135
McGowan, C. W., see Chriswell, C. D. 213
Marchetti, M., see Di Corcia, A. 357
Markides, K. E., see Bradshaw, J. S. 169
Markuszewski, R., see Chriswell, C. D. 213
Matsson, O., see Hussénius, A. 155
Meemken, H.-A., see Fürst, P. 311
Mies, H. H.
—— and Zahn, H.
Chromatographic and electrophoretic investigations of the properties of unprotected low-sulphur wool kerateins 365
Miribel, L.
—— and Arnaud, P.
Purification of human alpha$_1$-beta glycoprotein and study of its microheterogeneity and molecular variants 337
Moll, N.
—— and Joly, J. P.
Determination of ascorbic acid in beers by high-performance liquid chromatography with electrochemical detection 347
Moore, J. M., see Lurie, I. S. 273
Nishimura, K., see Shinbo, T. 145
Niwa, T., see Takeuchi, T. 117
Palusinski, O. A., see Su, Y. 77
Perkins, D. M.
—— and Duncan, J. R.
Improved isolation of rat microsomal cytochrome b_5 reductase 319
Piepmeier, E. H., see Van Engelen, D. L. 191
Reitsma, B. H.
—— and Yeung, E. S.
Reversed-phase high-performance liquid chromatography of soybean trypsin inhibitor with optical activity and ultraviolet absorbance detection 295
Richfield-Fratz, N.
—— and Bailey, J. E., Jr.
Determination of *p*-cresidine in FD&C Red No. 40 by the diazotization and coupling procedure followed by reversed-phase high-performance liquid chromatography 283
Roets, E., see Khan, N. H. 229
Rosset, R., see Macaudiere, P. 135
Rouse, C. A., see Bradshaw, J. S. 169
Samperi, R., see Di Corcia, A. 357
Scolla, P. L.
—— and Hurtubise, R. J.
Application of the Snyder displacement model to aromatic nitrogen compounds on an aminopropyl bonded-phase column 107

Sébédio, J. L.
——, Astorg, P. O., Septier, C. and Grandgirard, A.
Quantitative analyses of polar components in frying oils by the Iatroscan thin-layer chromatography–flame ionization detection technique 371
Septier, C., see Sébédio, J. L. 371
Shinbo, T.
——, Yamaguchi, T., Nishimura, K. and Sugiura, M.
Chromatographic separation of racemic amino acids by use of chiral crown ether-coated reversed-phase packings 145
Šimánek, V., see Walterová, D. 389
Smolková-Keulemansová, E., see Jelínek, I. 379
Snopek, J., see Jelínek, I. 379
Snyder, L. R., see Eble, J. E. 1, 31, 51
Spiker, S.
——, Bates, M. and Arwood, L. J.
Fractionation of plant and animal high mobility group chromosomal proteins by ion-exchange and reversed-phase high-performance liquid chromatography 327
Su, Y.
——, Palusinski, O. A., and Fife, P. C.
Isotachophoresis: analysis and computation of the structure of the ionic species interface 77
Sugiura, M., see Shinbo, T. 145
Takeuchi, T.
——, Niwa, T. and Ishii, D.
Stepwise gradient elution using switching valves in micro high-performance liquid chromatography 117
Tambute, A., see Macaudiere, P. 135
Tan, L. K.
—— and Dutrizac, J. E.
Simultaneous determination of arsenic(III) and arsenic(V) in metallurgical processing media by ion chromatography 247
Tarbet, B. J., see Bradshaw, J. S. 169
Taylor, D. R., see Akporhonor, E. E. 67
Thibeault, Y., see Campeau, D. 305
Thomas, L. C., see Van Engelen, D. L. 191
Tsegenidis, T., see Karamanos, N. K. 221
Vanderhaeghe, H., see Khan, N. H. 229
Van Engelen, D. L.
——, Thomas, L. C. and Piepmeier, E. H.
Ultraviolet spectrometric detection for gas chromatography of polynuclear aromatic compounds with repetitive spectral scans using absorbance and concurrent fluorescence measurements 191
Vent, S. Le, see Akporhonor, E. E. 67
Waki, H., see Ando, S. 125
Walterová, D.
—— and Šimánek, V.
Determination of β-phenylalkylamines in pharmaceutical preparations by analytical capillary isotachophoresis 389
Werkhoff, P.
—— and Bretschneider, W.
Dynamic headspace gas chromatography: concentration of volatile components after thermal desorption by intermediate cryofocusing in a cold trap. I. Principle and applications 87
—— and Bretschneider, W.
Dynamic headspace gas chromatography: concentration of volatile components after thermal desorption by intermediate cryofocusing in a cold trap. II. Effect of sampling and desorption parameters on recovery 99
Yamaguchi, T., see Shinbo, T. 145
Yeung, E. S., see Reitsma, B. H. 295
Zahn, H., see Mies, H. H. 365